



**ADVANTAGES**

- Can be used to upgrade existing installations
- Robust metal header frame
- Classified according to ISO 10121-3
- “2-in-1” filtration solution; particulate and molecular.
- Removal of solid and gaseous contaminants in one filter stage
- Ideal for filtering moderate concentrations of most external and internal source pollutants

<b>Application</b>	Particle and odour removal in Hospitals, Offices, Airports etc
<b>Frame</b>	Galvanised steel
<b>Media</b>	Glass fiber/Activated carbon
<b>Dimensions</b>	Filter front dimensions according to EN 15805
<b>Rec. final pressure drop acc. EN 13053</b>	Initial pressure drop + 100 Pa or initial pressure drop x3 (whichever is lower)
<b>Max airflow</b>	1,25 x nominal flow
<b>Max Temperature (°C)</b>	50°C
<b>Relative Humidity max</b>	70%
<b>Installation Options</b>	Front and side access housings and frames are available



The City-Flo filter utilizes a highly effective broad spectrum carbon media layer to ensure removal of a very wide range of airborne chemicals. The broad spectrum carbon operates with a Rapid Adsorption Dynamics (RAD) mechanism that is specifically designed to be highly efficient against the multiple chemicals that are typically present in low or moderate concentrations in city-centre buildings or other locations. The City-Flo filter provides particle filtration in classes F7 or F9 according to EN 779:2012. A high media area ensures high efficiency, long life and low pressure drop.

Type	EN779	ISO 16890	ISO 10121 Ozone	ISO 10121 SO <sub>2</sub>	ISO 10121 NO <sub>2</sub>	ISO 10121 Toluene	Dimensions WxHxD (mm)	Airflow/pressure drop (m <sup>3</sup> /h/Pa)	Bags	Weight (kg)	ePM1	ePM1min	ePM2,5	ePM2,5min	ePM10
7/534	F7	ePM1 60%	HD 85	MD 55	LD 85	MD 80	592x592x534	3400/140	10	6	62	62	71	71	90
7/534	F7	ePM1 60%	HD 85	MD 55	LD 85	MD 80	490x592x534	2800/140	8	4,6					
7/534	F7	ePM1 60%	HD 85	MD 55	LD 85	MD 80	287x592x534	1700/140	5	3,5					
9/534	F9	ePM1 85%	HD 85	MD 55	LD 85	MD 80	592x592x534	3400/200	10	6	87	87	91	91	98
9/534	F9	ePM1 85%	HD 85	MD 55	LD 85	MD 80	490x592x534	2800/200	8	4,6					
9/534	F9	ePM1 85%	HD 85	MD 55	LD 85	MD 80	287x592x534	1700/200	5	3,5					

Energy Consumption, kWh/year: Calculated according to Eurovent Guideline 4/21-2019

Energy class: according to Eurovent RS 4/C/001-2019